



ITW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	10/666,237
		Filing Date	September 18, 2003
		First Named Inventor	Mark R. Miskin
		Group Art Unit	3671
		Examiner Name	Novosad, Christopher J.
Total Number of Pages in This Submission (including this sheet)	21	Attorney Docket No.	3462.MISK.PT

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Appeal Communication: <input type="checkbox"/> Appeal Notice <input type="checkbox"/> Appeal Brief <input type="checkbox"/> Reply Brief <input type="checkbox"/> Assignment with Cover Sheet <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Check in the amount of \$____ <input type="checkbox"/> Credit card authorization in the amount of \$____ <input type="checkbox"/> Declaration & Power of Attorney <input type="checkbox"/> Drawings ____ sheets <input type="checkbox"/> Formal <input type="checkbox"/> Informal	<input type="checkbox"/> Extension of Time Request ____ month <input type="checkbox"/> Fee Calculation Table <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Form 1449 <input type="checkbox"/> Copies of IDS References <input type="checkbox"/> Issue Fee Transmittal & Advance Order	<input type="checkbox"/> Maintenance Fee Transmittal ____ year <input type="checkbox"/> Missing Parts Response <input type="checkbox"/> Notification of Change of Attorney Address & Docket Number <input checked="" type="checkbox"/> Return Postcard <input type="checkbox"/> Revocation & Power of Attorney <input type="checkbox"/> Status Inquiry <input checked="" type="checkbox"/> Other: Request for Reconsideration of Notice of Abandonment with Exhibits A-D
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT	
Attorney for Applicant	Bretton L. Crockett, Registration No. 44,632 MORRISS O'BRYANT COMPAGNI, P.C. 136 South Main Street, Suite 700 Salt Lake City, Utah 84101 (801) 478-0071 telephone; (801) 478-0076 facsimile

Signature		Date	3/16/07
-----------	--	------	---------

CERTIFICATE OF MAILING UNDER 37 CFR § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, on the date indicated below, in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Typed or Printed Name	Bretton L. Crockett		
Signature		Date	3/16/07



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Mark R. Miskin
SERIAL NO.: 10/666,237
FILING DATE: September 18, 2003
TITLE: SYSTEMS AND METHODS FOR
CONTROLLING THE REMOVAL
OF SOIL FROM AN EARTH
MOVING SCRAPER
ART UNIT: 3671
EXAMINER: Christopher J. Novosad
DOCKET NO.: 3462.MISK.PT

**CERTIFICATE OF MAILING
UNDER 37 CFR § 1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, on the date indicated below, in an envelope addressed to Assistant Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Bretton L. Crockett

3/16/07
Date

REQUEST FOR RECONSIDERATION OF NOTICE OF ABANDONMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to MPEP § 711, Applicant requests the Notice of Abandonment mailed March 7, 2007 be withdrawn and the case advanced for examination for the reasons set forth below.

The Notice of Abandonment, mailed March 7, 2007, sets forth that the application is abandoned in view of Applicant's failure to timely file a proper reply to the Office letter mailed August 29, 2006, as no reply to such Office letter has been received by the Office. The Office Action mailed August 29, 2006 required a response be provided within three months and further indicated extensions of time were available under the provisions of 37 CFR 1.136(a).

On February 28, 2007, Applicant filed a responsive Amendment accompanied by a Petition for Extension of Time Under 37 CFR 1.136(a) and the appropriate fee, copies of which are provided herewith as Exhibits A and B, respectively. These were received by the Office on March 2, 2007 as evidenced by the copy of the stamped return postcard

Commissioner for Patents
March 16, 2007
Page 2

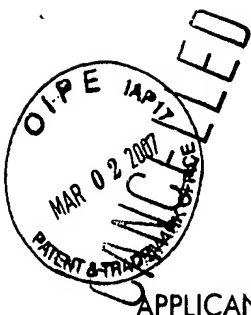
receipt and the Image File Wrapper Table of Contents printed from the PAIR system on March 16, 2007, and attached hereto as Exhibits C and D, respectively.

As a proper response to the Office Letter was timely filed, it is requested the Notice of Abandonment be withdrawn and the case be advanced for examination. Should the Office determine that additional issues remain which might be resolved by a telephone conference, the Office is respectfully invited to contact Applicant's undersigned attorney.

Respectfully Submitted,



Bretton L. Crockett
Reg. No. 44,632
Morriss O'Bryant Compagni
136 South Main Street, Suite 700
Salt Lake City, Utah 84101
Telephone (801) 478-0071
Facsimile (801) 478-0076



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Mark R. Miskin
SERIAL NO.: 10/666,237
FILING DATE: September 18, 2003
TITLE: SYSTEMS AND METHODS FOR
CONTROLLING THE REMOVAL
OF SOIL FROM AN EARTH
MOVING SCRAPER
ART UNIT: 3671
EXAMINER: Christopher J. Novosad
DOCKET NO.: 3462.MISK.PT

CERTIFICATE OF MAILING
UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail, postage prepaid, under 37 C.F.R. § 1.8 on the date indicated below and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Bretton L. Crocker

2/28/07
Date of Deposit

AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Responsive to the Office Action mailed August 29, 2006, please amend the above-referenced application as follows. This Amendment is accompanied by a petition for extension of time, together with the appropriate fee.

Amendments to the Claims begin on page 2 of this paper.

Remarks begin on page 6 of this paper.

IN THE CLAIMS:

Claims 9, 19, 20, 21 and 23 have been amended. Claims 1-8, 17, 18 and 24-36 were withdrawn from consideration as directed to non-elected groups and are accordingly canceled herein. All cancellations and amendments are made without prejudice. Please note that all claims currently pending and under consideration in the referenced application are shown below. Please enter these claims as amended. This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

Claims 1 through 8. (Canceled).

9. (Currently Amended) An earth moving or ground leveling apparatus comprising:
a frame having opposing sides;
a cutting blade attached to the frame between the opposing sides;
at least two ground engaging wheels supporting the frame;
a bucket having a floor and a pair of side walls;
an apron for holding soil in the bucket, the apron disposed perpendicular to the pair of sidewalls and disposed across the front of the bucket;
a hydraulic system for imparting movement to the bucket and the apron comprising:
a first valve interconnected in the hydraulic system for controlling movement of the bucket and the apron; and
a second valve interconnected in the hydraulic system for preventing movement of the bucket or the apron such that the bucket can be locked in a desired position regardless of a height of the cutting blade.

10. (Original) The earth moving or ground leveling apparatus of claim 9, wherein the first valve comprises a sequence valve for sequentially moving the bucket and the apron to one of a soil scraping, retaining or expelling position where the bucket

is actuated only after the apron is fully moved.

11. (Original) The earth moving or ground leveling apparatus of claim 9, wherein the second valve is configured to be activated independently from the hydraulic system.

12. (Original) The earth moving or ground leveling apparatus of claim 9, further comprising an electronic control means for activating the second valve.

13. (Original) The earth moving or ground leveling apparatus of claim 9, wherein the bucket can be locked in a position and the apron can be independently actuated to control the amount of soil entering or leaving the bucket.

14. (Original) The earth moving or ground leveling apparatus of claim 9, wherein the hydraulic system further comprises:
a first hydraulic cylinder for moving the bucket;
a second hydraulic cylinder for moving the apron;
at least one first supply line operatively connecting the first valve to the first hydraulic cylinder; and
at least one second supply line operatively connecting the first valve to the second hydraulic cylinder.

15. (Original) The earth moving or ground leveling apparatus of claim 13, wherein the second valve is operatively connected to the at least one first supply line or the at least one second supply line.

16. (Original) The earth moving or ground leveling apparatus of claim 12, further comprising:
a tongue attached to the frame and configured for attachment of the earth moving or

ground leveling apparatus to a tractor, wherein the electronic control means is associated with the tractor.

Claims 17 and 18. (Canceled).

19. (Currently Amended) ~~The A~~ method according to claim 16, wherein the for controlling movement of a bucket and an apron of an earth moving apparatus, the method comprising:
providing the earth moving apparatus comprising the bucket for storing soil, the apron for holding the soil in the bucket, and a cutting blade for cutting soil to be stored in the bucket;
providing a hydraulic system comprising a first hydraulic cylinder for moving the bucket, a second hydraulic cylinder for moving the apron and a first valve comprises comprising a sequence valve for controlling the movement of the bucket and the apron;
activating the hydraulic system to initiate movement of the bucket and the apron; and
impeding the movement of the bucket or the apron with a second valve, such that the bucket can be locked in a desired position regardless of a height of the cutting blade.

20. (Currently Amended) The method according to claim ~~16~~ 19, wherein impeding the movement of the bucket or the apron comprises activating an electronic means.

21. (Currently Amended) The method according to claim ~~16~~ 19, wherein activation of the hydraulic system causes the bucket and the apron to move in sequence.

22. The method according to claim 19, wherein the impeded movement of the bucket or the apron does not affect the movement of the unimpeded bucket or apron.

23. (Currently Amended) The method according to claim ~~16~~ 19, wherein impeding the movement of the bucket or the apron comprises interrupting a flow of hydraulic fluid to the first hydraulic cylinder or the second hydraulic cylinder.

Claims 24 through 36. (Canceled).

REMARKS

The Office Action mailed August 29, 2006 has been received and reviewed. Claims 1 through 36 were currently pending in the application. Claims 1-8, 17, 18 and 24-36 were withdrawn from consideration as directed to non-elected groups and are accordingly canceled herein. Accordingly, claims 9 through 16 and 19 through 23 are currently under consideration and each stands rejected. Claims 9, 19, 20, 21 and 23 have been amended. Reconsideration of the application as amended herein is respectfully requested.

35 U.S.C. § 102(b) Anticipation Rejections

Claims 9 through 16 and 19 through 23 were rejected in the Office Action as assertedly being anticipated under 35 U.S.C. § 102(b) by U.S. Patent 3,651,589 to Reynolds. ("Reynolds"). Applicant respectfully submits that, as amended, such claims define over Reynolds.

A claim is anticipated only if each and every element as set forth in the claim is found, either expressly or inherently described, in a single prior art reference.

Verdegaal Brothers v. Union Oil Co. of California, 2 USPQ2d 1051, 1053 (Fed. Cir. 1987). The identical invention must be shown in as complete detail as is contained in the claim. *Richardson v. Suzuki Motor Co.*, 9 USPQ2d 1913, 1920 (Fed. Cir. 1989).

The Office Action merely cites Reynolds Figs. 9-13 as showing the configuration of the valves and Figs. 1-8 as showing the apparatus.

Reynolds is directed to an earth moving scraper with hydraulic systems that include means to prevent various "components from moving between their alternative positions in other than a desired sequence." (Reynolds, Abstract). As explained in its specification, the details of the Reynolds hydraulic systems require movement of the components in a specific sequence. Specifically, the Reynolds system does not allow adjustment of the bucket position when the cutting blade is deployed, stating: "Thus, in accordance with the objects of this invention, the bucket must be lowered to loading position before the blade can be lowered against the surface of the soil. (Reynolds column 5, lines 66-68)." Reynolds further explains that "Thus, and again in accordance

with one of the objects of this invention, the bucket can be tilted only after the blade has been raised." (Reynolds, column 6, lines 34-36). Reynolds then again states that "Thus, the operator is assured that the bucket will not be tilted into unloading position until the frame and thus the blade has been fully raised, because it is only when the actuators 34 are fully retracted that pressure fluid from line 50 and within bypass line 69 can open the check valve 62. (Column 6, lines 46-52)."

As amended, claim 1 includes the elements of "a cutting blade attached to the frame between the opposing sides" and "a second valve interconnected in the hydraulic system for preventing movement of the bucket or the apron such that the bucket can be locked in a desired position regardless of a height of the cutting blade." Similarly, amended claim 19 includes the elements of "the bucket can be locked in a desired position regardless of a height of the cutting blade." Support for these claim amendments may be found in the as-filed specification at paragraphs [0031], [0040] [0044] and [0052].

Applicant respectfully requests that as amended claims 9 and 19 contain elements not disclosed in Reynolds that such claims, together with the claims dependent therefrom, be allowed.

CONCLUSION

All pending claims are believed to be in condition for allowance, and an early notice thereof is respectfully solicited. Should the Office determine that additional issues remain which might be resolved by a telephone conference, the Examiner is respectfully invited to contact Applicant's undersigned attorney.

Respectfully Submitted,



Bretton L. Crockett
Reg. No. 44,632
Morriss O'Bryant Compagni
136 South Main Street, Suite 700
Salt Lake City, Utah 84101
Telephone (801) 478-0071
Facsimile (801) 478-0076



PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)

Docket Number (Optional)

3462.MISK.PT

Application Number 10/666,237

Filed September 18, 2003

For SYSTEMS AND METHODS FOR CONTROLLING THE REMOVAL OF SOIL FROM AN EARTH MOVING SCRAPER

Art Unit 3671

Examiner Christopher J. Novosad

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above identified application.

The requested extension and fee are as follows (check time period desired and enter appropriate fee below):

	Fee	Small Entity Fee	
<input type="checkbox"/> One month (37 CFR 1.17(a)(1))	\$120	\$60	\$ _____
<input type="checkbox"/> Two months (37 CFR 1.17(a)(2))	\$450	\$225	\$ _____
<input checked="" type="checkbox"/> Three months (37 CFR 1.17(a)(3))	\$1020	\$510	\$ 510
<input type="checkbox"/> Four months (37 CFR 1.17(a)(4))	\$1590	\$795	\$ _____
<input type="checkbox"/> Five Month (37 CFR 1.17(a)(5))	\$2160	\$1080	\$ _____

☒ Applicant claims small entity status. See 37 CFR 1.27.

03/05/2007 CHEGA1 00000009 10666237

☒ A check in the amount of the fee is enclosed.

01 FC:2253

510.00 00

☐ Payment by credit card. Form PTO-2038 is attached.

☐ The Director has already been authorized to charge fees in this application to a Deposit Account.

☒ The Directory is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number 50-0881. I have enclosed a duplicate copy of this sheet.

I am the ☐ applicant/inventor

☐ assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

☒ attorney or agent of record. Registration Number 44,632

☐ attorney or agent under 37 CFR 1.34(a).
Registration number if acting under 37 CFR 1.34(a) _____

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Signature

2/28/07

Date

Bretton L. Crockett

Typed or printed name

(801) 478-0071

Telephone Number

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ Total of 1 forms are submitted.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/666,237
	Filing Date	September 18, 2003
	First Named Inventor	Mark R. Miskin
	Group Art Unit	3671
	Examiner Name	Novosad, Christopher J.
Total Number of Pages in This Submission (including this sheet)	Attorney Docket No.	3090-5854US

ENCLOSURES (check all that apply)			
<input checked="" type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Appeal Communication: <input type="checkbox"/> Appeal Notice <input type="checkbox"/> Appeal Brief <input type="checkbox"/> Reply Brief <input type="checkbox"/> Assignment with Cover Sheet <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Check in the amount of \$ <u>510</u> <input type="checkbox"/> Credit card authorization in the amount of \$ <input type="checkbox"/> Declaration & Power of Attorney <input type="checkbox"/> Drawings <u> </u> sheets <input type="checkbox"/> Formal <input type="checkbox"/> Informal	<input checked="" type="checkbox"/> Extension of Time Request <u> 3 </u> month <input checked="" type="checkbox"/> Fee Calculation Table <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Form 1449 <input type="checkbox"/> Copies of IDS References <input type="checkbox"/> Issue Fee Transmittal & Advance Order	<input type="checkbox"/> Maintenance Fee Transmittal <u> </u> year <input type="checkbox"/> Missing Parts Response <input type="checkbox"/> Notification of Change of Attorney Address & Docket Number <input checked="" type="checkbox"/> Return Postcard <input type="checkbox"/> Revocation & Power of Attorney <input type="checkbox"/> Status Inquiry <input type="checkbox"/> Other:	
Remarks			
SIGNATURE OF APPLICANT, ATTORNEY OR AGENT			
Attorney for Applicant	Bretton L. Crockett, Registration No. 44,632 MORRISS O'BRYANT COMPAGNI, P.C. 136 South Main Street, Suite 700 Salt Lake City, Utah 84101 (801) 478-0071 telephone; (801) 478-0076 facsimile		
Signature		Date	2/28/07
CERTIFICATE OF MAILING UNDER 37 CFR § 1.8			
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, on the date indicated below, in an envelope addressed to MAIL STOP AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.			
Typed or Printed Name		Bretton L. Crockett	
Signature		Date	2/28/07

CANCELLED
MAR 02 2007
FEES TRANSMITTAL
for FY 2005

Complete if known



Application Number	10/666,237
Filing Date	September 18, 2003
First Named Inventor	Mark R. Miskin
Examiner Name	Christopher J. Novosad
Art Unit	3671
Attorney Docket No.	3462.MISK.PT

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT	(\$) 510
-------------------------	-----------------

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____

☒ Deposit Account Deposit Account Number: **50-0881** Deposit Account Name: **Morriss O'Bryant Compagni, PC**

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) ☒ Credit any overpayments

under 37 CFR 1.16 and 1.17

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3, or for Reissues, each independent claim more than in the original patent	200	100
Multiple Dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims
				Small Entity
-20 or HP=	X			Fee (\$)

HP= highest number of totals claims paid for, if greater than 20

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
-3 or HP	X		

HP= highest number of independent claims paid for, if greater than 3

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35. U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s)

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
-100=	/50=	(round up to a whole number) x		

4. OTHER FEE(S)

Other: Extension of Time Petition (3 months) **\$510**

Other: _____

SUBMITTED BY

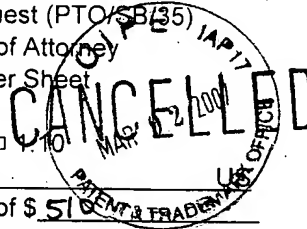
Name (Print/Type)	Bretton L. Crockett	Registration No.	44,632	Telephone	(801) 478-0071
Signature				Date	2/28/07



File No.: 3462.MISK.PT
Serial No.: 10/666,237 Atty: BLC
Date of Mailing: 2-28-07

Please acknowledge receipt of:

- ☐ Application (pages)
 - ☐ Patent (PT,NP) ☐ Provisional ☐ Design
- ☐ Drawings (sheets; Figs)
- ☐ Application Transmittal Sheet
- ☒ Fee Transmittal Sheet
- ☐ Non-Publication Request (PTO/SB(35))
- ☐ Declaration & Power of Attorney
- ☐ Assignment with Cover Sheet
- ☒ Certificate of Mailing
 - CFR § ☒ 1.8 ☐ 1.10
- ☐ Express Mail No.: EV
- ☒ Check in the amount of \$ 510
- ☐ Credit Card Authorization \$
- ☒ Amendment/Response
- ☐ CPA Transmittal Form
- ☒ Extension of Time Petition: 3 month
- ☐ IDS, PTO 1449 & References
- ☐ Issue Fee Transmittal
- ☐ Maintenance Fee Transmittal: year
- ☐ Missing Parts Response
- ☐ Request for Continued Examination
- ☒ Transmittal Letter - General
- ☐
- ☐





United States Patent and Trademark Office

[Home](#) | [Site Index](#) | [Search](#) | [FAQ](#) | [Glossary](#) | [Guides](#) | [Contacts](#) | [eBusiness](#) | [eBiz Alerts](#) | [News](#) | [Help](#)
[Portal Home](#) | [Patents](#) | [Trademarks](#) | [Other](#)

Patent eBusiness

☐ Patent Application Information Retrieval

- [Electronic Filing](#)
- [Patent Application Information \(PAIR\)](#)
- [Patent Ownership](#)
- [Fees](#)
- [Supplemental Resources & Support](#)

Patent Information

- [Patent Guidance and General Info](#)
- [Codes, Rules & Manuals](#)
- [Employee & Office Directories](#)
- [Resources & Public Notices](#)

Patent Searches

- [Patent Official Gazette](#)
- [Search Patents & Applications](#)
- [Search Biological Sequences](#)
- [Copies, Products & Services](#)

Other

- [Copyrights](#)
- [Trademarks](#)
- [Policy & Law Reports](#)

Select Search Method:

Enter Number:

Application Number

SUBMIT

[Order Certified Application As Filed](#)
[Order Certified File Wrapper](#)
[View Order List](#)

10/666,237

Systems and methods for controlling the removal of soil from an earth moving scraper



Application Data	Transaction History	Image File Wrapper	Continuity Data	Published Documents	Publication Dates	Address & Attorney/Agent
------------------	---------------------	--------------------	-----------------	---------------------	-------------------	--------------------------

This application is officially maintained in electronic form. To View: Click the desired Document Description. To Download and Print: Check the desired document(s) and click StartDownload.

Mail Room Date	Document Description	Page Count	Select All	Start Download	Clear All
03-07-2007	Abandonment	2	<input type="checkbox"/>	<input type="checkbox"/>	
03-02-2007	Amendment - After Non-Final Rejection	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
03-02-2007	Claims	4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
03-02-2007	Applicant Arguments/Remarks Made in an Amendment	3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
03-02-2007	Extension of Time	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
03-02-2007	Miscellaneous Incoming Letter	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
08-29-2006	Non-Final Rejection	4	<input type="checkbox"/>	<input type="checkbox"/>	
08-29-2006	List of References cited by applicant and considered by examiner	3	<input type="checkbox"/>	<input type="checkbox"/>	
08-29-2006	List of references cited by examiner	1	<input type="checkbox"/>	<input type="checkbox"/>	
08-29-2006	Bibliographic Data Sheet	1	<input type="checkbox"/>	<input type="checkbox"/>	
08-29-2006	Search information including classification, databases and other search related notes	1	<input type="checkbox"/>	<input type="checkbox"/>	
08-25-2006	Examiner's search strategy and results	2	<input type="checkbox"/>	<input type="checkbox"/>	
06-21-2006	Response to Election / Restriction Filed	2	<input type="checkbox"/>	<input type="checkbox"/>	
06-21-2006	Status Letter Mailed to Applicant	2	<input type="checkbox"/>	<input type="checkbox"/>	
06-15-2006	Miscellaneous Action with SSP	2	<input type="checkbox"/>	<input type="checkbox"/>	
06-15-2006	Bibliographic Data Sheet	1	<input type="checkbox"/>	<input type="checkbox"/>	
06-02-2006	Notice of Change of Address placed in File Wrapper due to EBC Customer Number update	1	<input type="checkbox"/>	<input type="checkbox"/>	
05-30-2006	Petition Decision	3	<input type="checkbox"/>	<input type="checkbox"/>	
04-03-2006	Petition for review by the Office of Petitions	7	<input type="checkbox"/>	<input type="checkbox"/>	
03-23-2006	Abandonment	2	<input type="checkbox"/>	<input type="checkbox"/>	
03-23-2006	Bibliographic Data Sheet	1	<input type="checkbox"/>	<input type="checkbox"/>	
07-26-2005	Miscellaneous Incoming Letter	2	<input type="checkbox"/>	<input type="checkbox"/>	
06-24-2005	Miscellaneous Action with SSP	2	<input type="checkbox"/>	<input type="checkbox"/>	
06-24-2005	Bibliographic Data Sheet	1	<input type="checkbox"/>	<input type="checkbox"/>	
04-18-2005	Response to Election / Restriction Filed	1	<input type="checkbox"/>	<input type="checkbox"/>	
04-18-2005	Applicant Arguments/Remarks Made in an Amendment	2	<input type="checkbox"/>	<input type="checkbox"/>	
03-15-2005	Requirement for Restriction/Election	14	<input type="checkbox"/>	<input type="checkbox"/>	

03-15-2005	Bibliographic Data Sheet	1	<input type="checkbox"/>
12-23-2004	Miscellaneous Incoming Letter	3	<input type="checkbox"/>
11-15-2004	Information Disclosure Statement (IDS) Filed	5	<input type="checkbox"/>
11-15-2004	NPL Documents	7	<input type="checkbox"/>
02-02-2004	Oath or Declaration filed	3	<input type="checkbox"/>
02-02-2004	Drawings	12	<input type="checkbox"/>
12-15-2003	Pre-Exam Formalities Notice	2	<input type="checkbox"/>
09-18-2003	Transmittal of New Application	2	<input type="checkbox"/>
09-18-2003	Specification	20	<input type="checkbox"/>
09-18-2003	Claims	7	<input type="checkbox"/>
09-18-2003	Abstract	1	<input type="checkbox"/>
09-18-2003	Drawings	14	<input type="checkbox"/>
09-18-2003	Oath or Declaration filed	3	<input type="checkbox"/>
09-18-2003	Preliminary Amendment	1	<input type="checkbox"/>
09-18-2003	Claims	8	<input type="checkbox"/>
09-18-2003	Applicant Arguments/Remarks Made in an Amendment	1	<input type="checkbox"/>
09-18-2003	Information Disclosure Statement (IDS) Filed	4	<input type="checkbox"/>
09-18-2003	Fee Worksheet (PTO-06)	1	<input type="checkbox"/>
09-18-2003	Fee Worksheet (PTO-06)	1	<input type="checkbox"/>

If you need help:

- Call the Patent Electronic Business Center at (866) 217-9197 (toll free) or e-mail EBC@uspto.gov for specific questions about Patent Application Information Retrieval (PAIR).
- Send general questions about USPTO programs to the [USPTO Contact Center \(UCC\)](#).
- If you experience technical difficulties or problems with this application, please report them via e-mail to [Electronic Business Support](#) or call 1 800-786-9199.

[Home](#) | [Site Index](#) | [Search](#) | [eBusiness](#) | [Help](#) | [Privacy Policy](#)